



NAMAs contribution to national sustainable development goals and impacts

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NAMAs contribution to national sustainable development goals and impacts

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with contributions from UNDP and IISD

UNFCCC NAMA Partnership side event, 14 November 2013

Outline:

- Introducing the WG-SD Partners' work on NAMAs
- Issues and challenges for NAMAs contributing to national sustainable development
- WG-SD work program



WG-SD Partner's work on NAMAs

Institute for Sustainable Development (IISD)

NAMA related activities

Projects & Technical Support

Low Carbon Scenario Analysis for Kenya – LEDS, GHG inventory systems, REDD+ and NAMAs

Supporting the Enhancement of NAMA Capacities in 10 Congo Basin Countries - screening of NAMA opportunities, NAMA readiness support

NAMA Concepts for Bangladesh and Trinidad and Tobago – NAMA screening reports

Prioritization of NAMAs in the Democratic Republic of the Congo – in-depth NAMA assessment

GHG Emission Baseline Projections for DRC and Rwanda

Institutional Capacity Building & Partnerships

Developing Financeable NAMAs: Online Training Program

- Developing a NAMA Quick Screen
- Developing a NAMA Deep Screen
- Preparing an Emission Baseline Projection

NAMA Capacity Building regional workshops (DRC, Rwanda, Cameroon and Congo) in partnership with EcoRessources

Green Growth Best Practices Initiative- tools and approaches for prioritization and planning

Low Emission Capacity Building Programme – workshops, webinars

Analytical work & Publications

Developing Financeable NAMAs: A Practitioner's Guide- tool to assist in identification and screening of NAMAs

Increasing Private Sector Investment in Climate Change Mitigation through NAMAs

The State of Climate Finance- analysis of climate finance mechanisms in a number of developing countries and internationally

Visualising Development Impacts: Experiences from Three Country Case Studies (with ECN and NREL for Development and Mitigation Forum)

Exploring Trends in Low-Carbon, Climate Resilient Development – NAMAs, Climate Financing

Visit www.iisd.org/climate/developing for more information on IISD's NAMA initiatives

UNDP NAMA related activities

Projects & Technical Support

Low Emission Capacity Building Programme (25 countries) – NAMAs, LEDS, MRV & GHG inventory systems

UNDP-GEF portfolio (e.g., Peru, Morocco, and pipeline) – NAMAs

Climate Public Expenditure & Institutional Reviews (7 Asia-Pacific countries) – *relevant to MRV of finance*

Green Climate Fund Readiness Programme (6 countries) – *capacity building for direct access*

Climate Policy 2012 (LAC region) – *NAMA readiness support & quantification of co-benefits*

Boots on the Ground (26 countries) – *NAMA scoping in 3 countries*

MDG Carbon Scaled-up Carbon Finance for Sustainable Development (Philippines, Gambia) – *scaling up SBs to NAMA*

Institutional Capacity Building & Partnerships

Low Emission Capacity Building Programme – *workshops, webinars, south-south exchange, guidance notes, and NAMA-Net technical assistance (from 2014) on scenarios, finance & MRV*

BMU/ICI Enhanced Partnership on NAMAs – *review tools/guides, finance, MRV, joint collaboration where possible*

NAMA Partnership

LEDS Global Partnership – *participate on steering committees of global, Asia, and LAC platforms*

International Partnership on Mitigation and MRV – *joint trainings Lebanon & Morocco; platform contributor*

GIZ – *joint NAMA training for West African region*

Africa & Latin America Carbon Forums

Finanzas Carbono platform (LAC)

WB/UNDP Climate Finance Options

Analytical work & Publications

UNDP/UNEP Risoe/UNFCCC Guidance for NAMA Design

Climate Policy 2012 – *analysis for quantifying co-benefits*

LECB – *analysis of barriers to private sector engagement in NAMAs*

Low Emission Climate Resilient Development Strategies manuals

- *Executive Summary*
- *Catalysing Climate Finance*
- *Blending Climate Finance through National Climate Funds*

UNDP Derisking Renewable Energy Investments (*incl. tool*)

GIZ/UNDP Good Practice Examples for LEDS, NAMAs and MRV (*in prep.*)

UNEP and UNEP Risø NAMA related activities

Projects & Technical Support

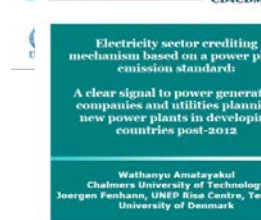
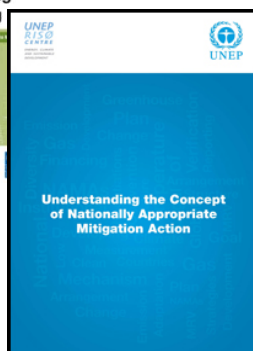
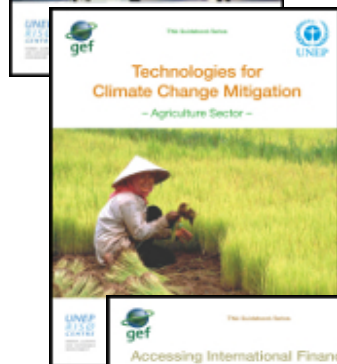
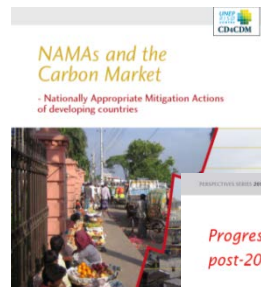
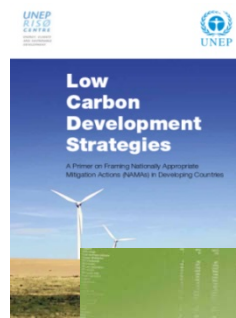
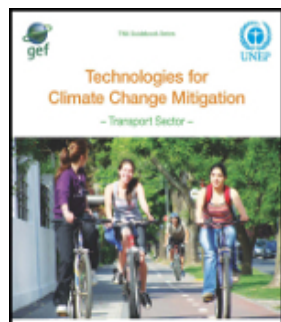
- Facilitating Implementation and readiness for Mitigation (FIRM)
- NAMA Development for the Building sector in Asia
- Low Carbon Mobility Plan for three cities in India
- Green Facility – Ghana and Maldives
- Technology Needs Assessment (TNA)
- Regional Gateway for Technology Transfer and Climate Change Action (REGATTA).
- Regional NAMAs studies and NAMAs Prioritisation Framework for Philippines
- National and Sectoral LCDS - Baselines

Institutional Capacity Building & Partnerships

- NAMA Academy
- Individual Coaching for NAMAs to partner countries
- GG/LCD training in the Emirates
- NAMA Partnership & LEDS GP
- Africa & LA Carbon Forums
- Energy Efficiency Hub

Analytical work & Publications

- Institutional challenges for NAMAs
- Financial engineering
- Understanding NAMAs
- SD impacts of NAMAs
- MRV of NAMAs
- NAMA Handbook
- NAMA Guidebook for Enlighten

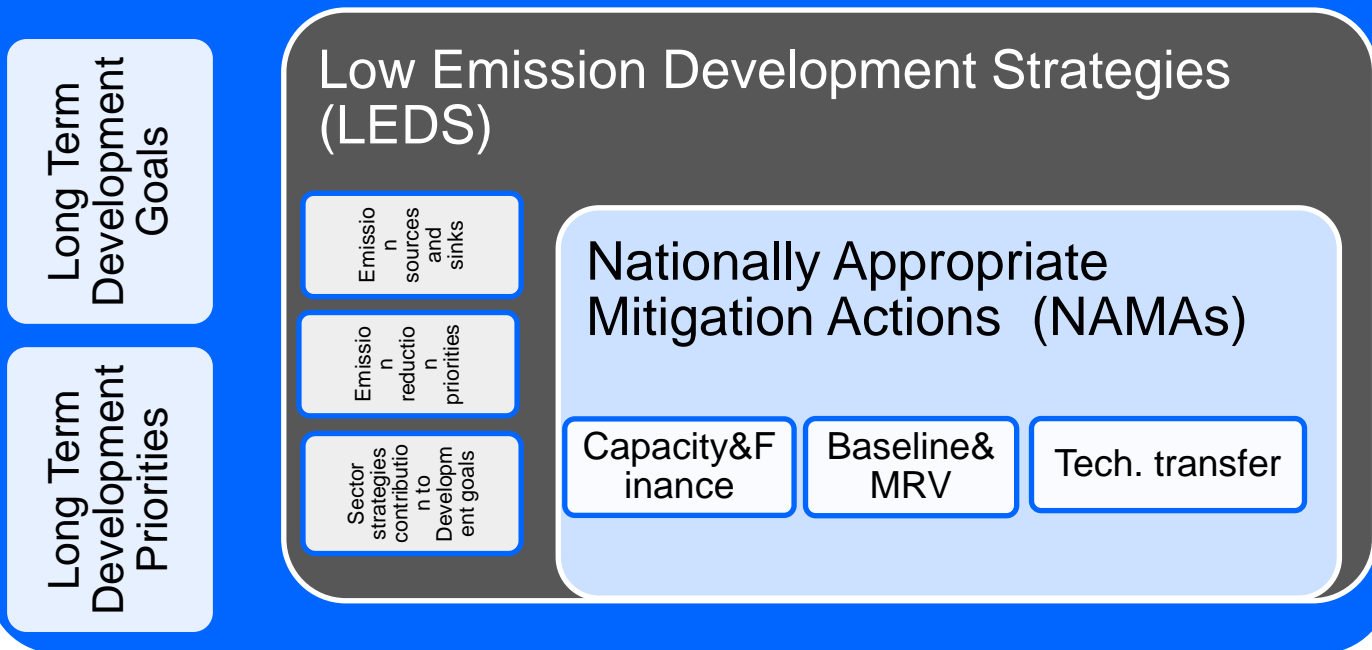


More information:
www.uneprisoe.org
www.namapipeline.org
www.lowcarbondev-support.org
www.tech-action.org
www.ggemirates.net

Issues and Challenges

NAMAs in the context of SD

Development Plans



Monitoring and Evaluation (M & E)

Sustainable Development

Global goals for sustainable development

- Three processes to define global goals for the *environment, development and climate* are running in parallel until 2015:
 - Sustainable Development Goals (SDGs) – Rio+20 process
 - Millennium Development Goals (MDGs) – UN Post-2015 Development Agenda
 - A New Climate Agreement – UNFCCC
- The three processes are related but institutionally separate and aim to inspire actions and targets for implementation at national level supported by international institutions

Issues and Challenges

- Development First!

"We should cooperate in achieving the peaking of global and national emissions as soon as possible, recognizing that the time frame for peaking will be longer in developing countries and bearing in mind that social and economic development and poverty eradication are the first and overriding priorities of developing countries and that a low-emission development strategy is indispensable to sustainable development" (Source: 2/CP.15, paragraph 2)

- How to identify and assess the SD co-benefits of NAMAs to prioritize mitigation actions with the most development benefits?
- How to ensure private and civil society stakeholder involvement in government-driven NAMAs?
- How to MRV the impacts of GHG reductions and co-benefits for transformational change towards low carbon and sustainable development?

WG-SD Work Programme

Focus area	Outputs	Partner(s)	Status
1) NAMAs contribution to national mitigation goals and targets	1.1. Tools to calculate emission reductions and costs of NAMAs are made available – GACMO model	URC	Model developed and applied in Maldives and UAE
	2.1 Guidebook on how to use the tools	URC	Guidance to be developed
2) NAMAs contribution to SD and national development goals	2.1 Paper on ‘An integrated approach to assessment of sustainable development impacts of NAMAs based on experience with CDM’	URC	Working paper published November 2013
	2.2 Framework and policy report for ‘Measuring Sustainable Development in NAMAs’	URC + IISD	Concept note
3) Institutional frameworks for governance of NAMAs and mainstreaming into development planning frameworks	3.1 Publication on ‘Institutional Challenges for NAMAs’	URC	First draft available
	3.2 Case studies of different institutional models and highlight challenges and solutions	URC	TBD
	3.3 Knowledge and best practices shared among relevant participants for enhanced national decision-making on governance of NAMAs	URC	TBD

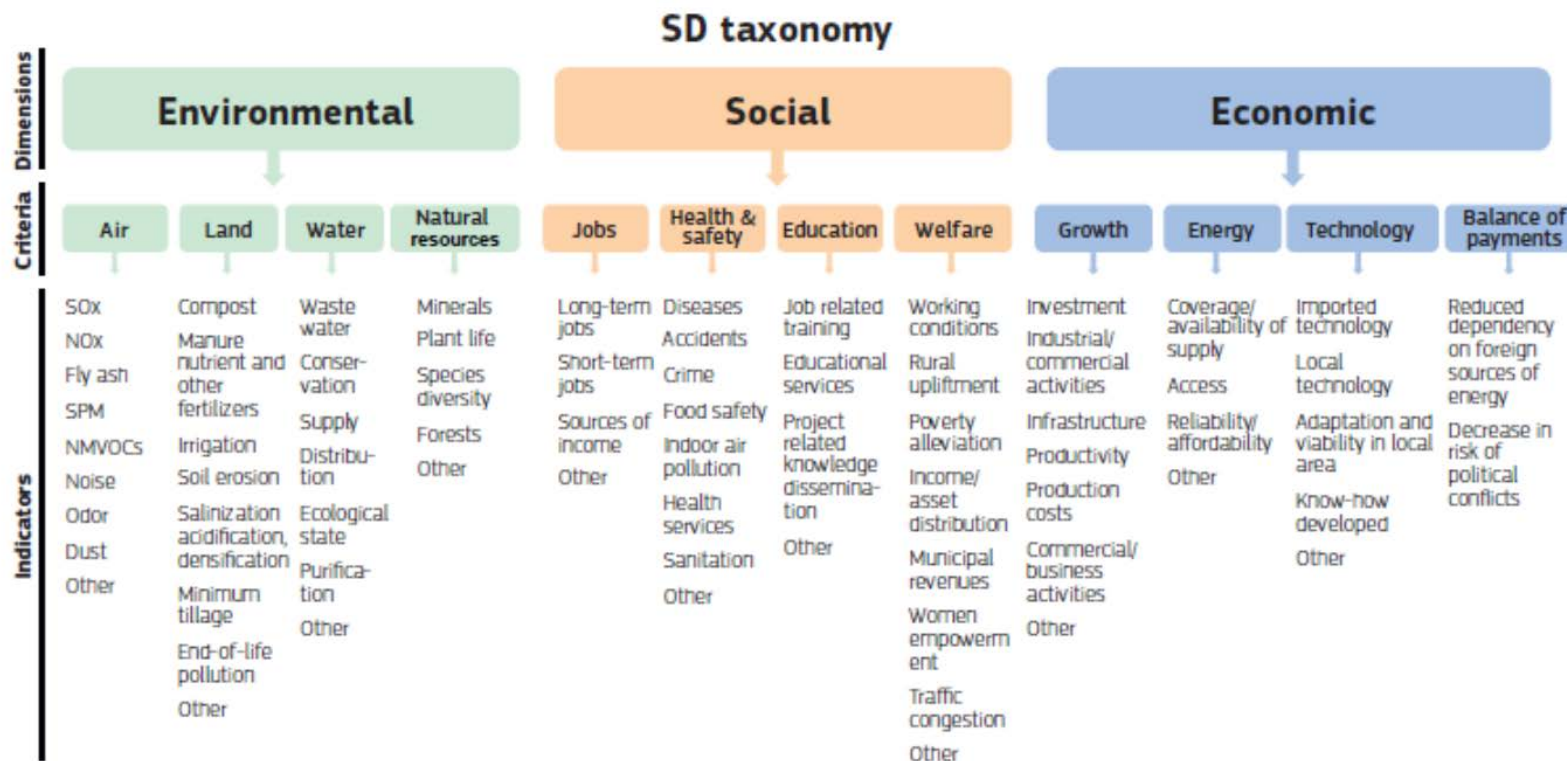
Sustainable Development Impact of NAMAs:

**An integrated approach to
assessment of co-benefits based
on experience with the CDM**

**Karen Holm Olsen
UNEP Riso Centre
Technical University of Denmark**

Assessment of SD impacts of NAMAs

- learning from CDM experience



Source: Approved at CDM EB70: https://www.research.net/s/SD_tool_vers7

SD benefits in NAMAs submitted to the UNFCCC Registry

NAMA	Environmental	Social	Economical	Institutional	Transformational
Chile: Implementation of a National Forestry and Climate Change Strategy <i>(support for implementation)</i>	Forest management Biodiversity Afforestation Restoration of natural forests Generation of environmental assets	Gender equality	Economic alternative for owners of degraded land Access to participate in the forestry business and in carbon markets	Improvements in land titling processes Sub-national reference levels and MRV systems to include indicators related to adaptation Platform for the Generation and Trading of Forest Carbon Credits Social and environmental safeguards are fully considered	
Uruguay: First introduction of Photovoltaic Solar Energy in the national electrical grid <i>(support for implementation)</i>		Testing laboratories Training professionals	Strengthen the assembly and maintenance of the national solar network	Conditions for holding a competitive process for the incorporation of new plants by private companies Capacity building support in the regulator organism and the Public Electric Utility Technical regulatory framework for this resource	Goal to have at least 50% of the national energy supply mix based on renewable sources At least 90% of the electrical grid supported by renewable sources

An integrated approach

Three elements:

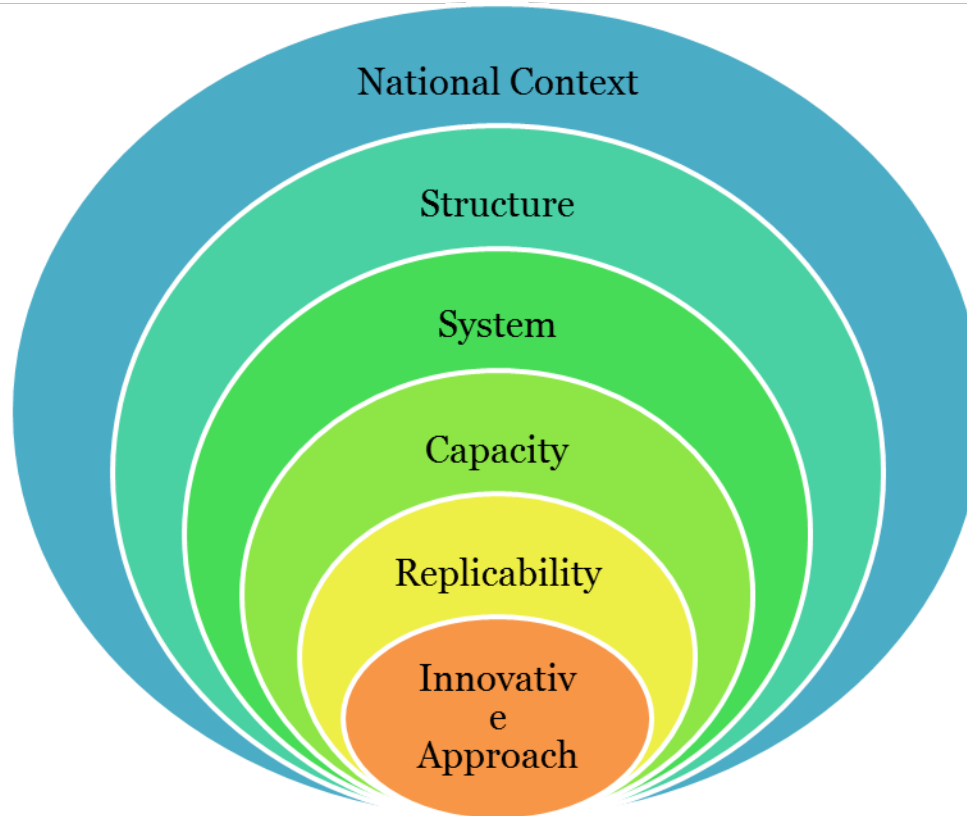
- SD indicators
- Stakeholder involvement procedures
- Safeguards against negative impacts

Action/Project cycles	NAMAs	CDM
National Development Planning	Low Carbon Development Strategy (LCDS) Identify SD objectives to which NAMAs contribute	-
Design of action/project	No format requirements Include indicators/metrics for SD benefits in the design format and conduct stakeholder involvement and safeguards for no-harm-done	Project Design Document (PDD)
National Approval	Officially Designated Entity (ODE) submit NAMAs to Registry: seek support for preparation, seek support for implementation or for recognition (unilateral)	Designated National Authority (DNA) issues Letter of Approval (LoA) for SD contribution
Validation/Registration	-	Designated Operational Entity (DOE) and Executive Board (EB)/ Registry
Financing	Supported NAMAs: bilateral, multilateral, private sector, Green Climate Fund, Foreign Direct Investment (FDI) and carbon markets. A mix of sources is possible. Unilateral NAMAs: domestic finance Explicit SD and climate benefits can help inform investors to get the most benefits for their money	Investors
Implementation	NAMA developer	Project owner/Coordinating Managing Entity (CME) for Programmes of Activities (PoAs)
Monitoring	Ditto SD indicators to be monitored along with other action & GHG metrics as specified in the BUR guidelines (see below)	Ditto
Reporting and Verification	International Consultation and Analysis (ICA) of Biennial Update Report (BUR) BURs include reporting on methodologies and assumptions, SD objectives and steps, progress, results, estimated GHG reductions and information about international market mechanisms. There are no requirements for MRV of individual NAMAs	Designated Operational Entity (DOE)
Issuance of CERs/units of GHG reductions	Possible links to NMMs and FVA for crediting of NAMAS Units of GHG reductions to be <i>certified</i> for their SD co-benefits	Executive Board (EB)/Registry

Five stages

1. Identify national SD objectives in the context of national development planning priorities and low carbon development strategies,
2. Design of NAMAs including SD indicators, stakeholder involvement procedures and safeguards against negative impacts,
3. Financing of NAMAs to be informed by SD impacts,
4. Monitoring, reporting and verification (MRV) of an integrated approach and
5. Certification of the SD impacts of credited NAMAs possibly to be traded under a new market mechanism or a framework for various approaches.

Measuring transformational change



At what level should transformational impacts be assessed?

Thanks!

For more information on WG-SD activities see:

- The NAMA Partnership website:
<http://www.namapartnership.org/>
- The NAMA Partnership Wiki:
<http://namapartnership.wikispaces.com/>